



## PATENT

Reissue Application No.: 10/664,052  
Filed: June 25, 1999  
U. S. Patent No.: 6,305,143B1  
Issued: October 23, 2001  
Inventor: Roger L. Streets, et al.  
Title: COMPOSITE ROOF STRUCTURES PREPARED USING  
ONE-PART MOISTURE CURING POLYURETHANE  
FOAMING ADHESIVE COMPOSITIONS CONTAINING A  
REVERSIBLY BLOCKED CATALYST

Cincinnati, Ohio

Mail Stop Reissue  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

### **CONSENT OF ASSIGNEE TO REISSUE AND OFFER TO SURRENDER**

The assignee of the entire interest in the above-mentioned Letters Patent, Ashland Inc., hereby consents to the accompanying application for reissue through its undersigned officer and offers to surrender the original Letters Patent No. 6,305,143B1.

### **CERTIFICATION BY ASSIGNEE**

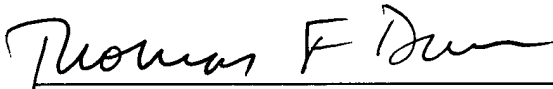
Ashland Inc. certifies that it is the assignee of the entire right, title and interest in and to the above-mentioned Letters Patent and reissue application by virtue of an assignment from Roger L. Streets, David J. Hatgas, Terri S. Townsend, and Carrie D. Margot to Ashland Inc., recorded in connection with the original parent

application Serial No. 09/344,462, filed June 25, 1999, which original assignment is recorded at Reel 010366 and Frame 0561 of the Office Records.

In accordance with 37 C.F.R. 3.73(b), the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of the assignee's knowledge and belief, title is in the assignee seeking to take this action.

In accordance with 37 C.F.R. 3.73(b)(2)(i), the undersigned, Thomas F. Davis, Assistant Secretary, is authorized to sign on behalf of the assignee, Ashland Inc.

Ashland Inc.

  
\_\_\_\_\_  
Thomas F. Davis  
Assistant Secretary

*MC*

February 2, 2004

\_\_\_\_\_  
Date



Express Mail No. EV355035815 US

Attorney Docket No. AOI-73

**REISSUE DECLARATION, OFFER TO SURRENDER ORIGINAL PATENT,  
POWER OF ATTORNEY, AND PETITION**

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below  
next to my name.

I believe I am the original, first inventor and joint inventor of the subject  
matter which is described and claimed in Letters Patent No. 6,305,143B1 entitled:

**COMPOSITE ROOF STRUCTURES PREPARED USING ONE-PART  
MOISTURE CURING POLYURETHANE FOAMING ADHESIVE COMPOSITIONS  
CONTAINING A REVERSIBLY BLOCKED CATALYST**

granted on October 23, 2001, and in the foregoing specification and claims as amended  
by preliminary amendment for which invention I solicit a reissue patent.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS  
AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the  
above identified specification, including the claims, as amended by any amendment  
specifically referred to with the Declaration.

I acknowledge the duty to disclose to the United States Patent and  
Trademark Office all information known to me to be material to patentability as defined  
in Title 37, Code of Federal Regulations §1.56.

**STATEMENT OF INOPERATIVENESS OR INVALIDITY  
OF ORIGINAL PATENT 37 C.F.R. §1.175**

I believe the original patent, U.S. Patent No. 6,305,143B1, ("The original patent") to be partly inoperative or invalid by reason of the patentee's claiming less than the patentee had the right to claim in the original patent. Independent claim 1 and dependent claims 2-6 as issued in the original patent do not claim the invention as broadly as we are entitled to claim it. Claim 1 as issued is directed to a method of adhering roofing material to a roofing deck, including applying an adhesive composition having a reversibly blocked catalyst consisting essentially of the addition product of a sulfonyl isocyanate and a tertiary amine and/or a tin (II) or a tin (IV) carboxylate composition (as a polyurethane formation catalyst). It is unclear whether the current claims encompass such a method wherein the addition product in the reversibly blocked catalyst is an addition product of sulfonyl isocyanate and all three catalysts, i.e., the tertiary amine, a tin (II) carboxylate composition and a tin (IV) carboxylate composition. Support for this breadth exists at least at column 3, lines 49-56, and column 4, lines 57-59 of the specification.

Further, the original claims defined the tin (II) and tin (IV) components as tin carboxylate compositions whereas the application teaches the use of tin (II) and tin (IV) structural units. This is supported at column 4, lines 55-57 and specifically in the incorporation by reference patent 4,824,595.

All errors which are being corrected in the present reissue application up to the time of the filing of this Declaration arose without any deceptive intention on my part.

## **OFFER TO SURRENDER ORIGINAL PATENT**

I understand that, before the reissue application is allowed, the original patent must be surrendered, or if the original patent is lost or inaccessible, an affidavit or declaration to that effect must be filed. I further understand, that if this reissue application is refused, then the original patent does not need to be surrendered. With this understanding, I offer to surrender the original patent prior to the allowance of this reissue application, pursuant to Title 37, Code of Federal Regulations, §1.178.

## **POWER OF ATTORNEY**

I hereby appoint the attorneys of Wood, Herron & Evans, L.L.P., 2700 Carew Tower, 441 Vine Street, Cincinnati, OH 45202-2917, under customer number 26,875, my attorneys, with full power of substitute and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence and telephone calls to

Gregory J. Lunn, Esq.

Address of customer number 26,875  
Telephone (513) 241-2324

Wherefore I pray that Letters Patent be granted to me for the invention or discovery described and claimed in the application specification and claims, and whereby I subscribe my name to the foregoing application specification and claims, declaration, offer to surrender original patent, power of attorney, and this petition.

I declare that all statements made in this document of my knowledge are true, and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements

are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of Inventor Roger L. Streets (Deceased)  
Executor of Estate of Roger L. Streets Linda C. Streets exec  
Executor's Signature Linda C. Streets Date 11-14-03  
Residence City/State Ashland, Ohio Citizenship U.S.  
Post Office Address 1317 Blossom Lane, Ashland, OH 45069

Full name of Inventor David J. Hagas  
Inventor's Signature [Signature] Date 11/17/03  
Residence City/State Dublin, Ohio Citizenship U.S.  
Post Office Address 4579 Donegal Cliffs Drive, Dublin, OH 43017

Full name of Inventor Terri S. Townsend  
Inventor's Signature Terri S. Townsend Date 11/14/03  
Residence City/State Ashland, OH Citizenship U.S.  
Post Office Address 126 Morgan Street, Ashland, OH 44805

Full name of inventor: Carrie D. Margot

Inventor's Signature Carrie D. Margot Date 12/5/03

Residence City/State: Decatur, Georgia      Citizenship: US

Post Office Address: 7108 Jefferson Square Court  
Decatur, Georgia 30030